WATER RESOURCES DEVELOPMENT

Index to Volume 5
March, June, September and December 1989

Articles–titles

Alternative water management scenarios for Saudi Arabia, *Remy de Jong, Rashid I. Al Layla* and *Willem J. Selen*, **5**, 1, 56–62

A data management system for demand forecasting, *M.J. Hall, S.M. Postle* and *B.D. Hooper*, **5**, 1, 3–10

Declining groundwater levels in India, *S.T. Somashekhara Reddy*, **5**, 3, 183–190

Designing roof catchment water supply systems using water budgeting methods, *B.H. Wall* and *R.L. McCown*, **5**, 1, 11–18

Editorial, *Mostafa Kamal Tolba*, **5**, 4, 223–224

Environmental impact assessment methodologies: shortcomings and appropriateness for water resources projects in developing countries, *Y.D. Pendse, R.V. Rao* and *P.K. Sharma*, **5**, 4, 252–258

Environmental impacts of the Aswan High Dam: a case study, *Mahmoud Abu Zeid*, **5**, 3, 147–157

Evaluation of dams as a recharge method, *Abdulaziz S. Al-Turbak* and *Fouad F. Al-Muttair*, **5**, 2, 119–124

An extension to the salt dilution method of measuring streamflow, *Geoff Kite*, **5**, 1, 19–24

Fossil groundwater resources as a basis for arid zone development? An economic enquiry, *Yacov Tsur, Hokyoun Park* and *Arie Issar*, **5**, 3, 191–201

Groundwater markets in Gujarat, India, *Shashi Kolvalli* and *David L. Chicoine*, **5**, 1, 38–44

Health aspects of water resources education and training, *Asit K. Biswas* and *Mikiyasu Nakayama*, **5**, 3, 169–174

Himalayan glaciers as a sustainable water resource, *Syed I. Hasnain*, **5**, 2, 106–112

Hydropower, water institutions and climate change: a Snake River case study, *Kathleen A. Miller*, **5**, 2, 71–83

Integrated use of water resources in the Lower Bhavani Project in India, *K. Eswaramoorthy, Ramu Govindasamy* and *Ikbal Singh*, **5**, 4, 279–286

Large and small dams, *R. Vidyasagar Rao*, **5**, 2, 136–142

Nile water management and the Aswan High Dam, *M.M. Gasser* and *Mohamed Ibrahim Abdou*, **5**, 1, 45–49

Optimal crop planning for a region in India by conjunctive use of surface and groundwater, *Rakesh Kumar* and *S.K. Pathak*, **5**, 2, 99–105

Performance of tubewell irrigation in Bangladesh: a review, *Jahangir Alam*, **5**, 1, 50–55

Rational use of the Huanghe river's water resources, *Zuo Dakang*, **5**, 4, 273–278

Rehabilitating oustees in the Narmada basin, India, *Umesh C. Chaube*, **5**, 3, 175–182

Removal of nitrates from groundwater through the use of artificial wetlands, *S.E. Jørgensen, Søren Carsten Nielsen* and *Birgitte Marcussen*, **5**, 3, 209–214

Strategy for phytoplankton studies in inland water bodies subject to cultural eutrophication, *S.M. Konovalov, V.N. Pautova, L.A. Pautova, V.A. Silkin, L.A. Vykhristyuk* and *V.I. Nomokonova*, **5**, 3, 202–208

Sustainable water development: a synthesis, *United Nations Environment Programme*, **5**, 4, 225–251

Technical–economic screening for groundwater planning: a case study in the Eastern Nile Delta, *M.S.F. Farid, A.B.M. Lennaerts, H.C. van der Mandele* and *A. Tuinhof*, **5**, 4, 259–272

Underperformance of Nigerian irrigation systems: design faults or system mismanagement?, *Are Kolawole*, **5**, 2, 125–135

The use of computers in water resources education and training, *A. Das Gupta*, **5**, 2, 84–90

Use of groundwater for irrigation in the Nile Valley, *Fatma Abdel Rahman Attia*, **5**, 2, 91–98

Water allocation, land tenure and yield in a *purana* village, Sri Lanka, *Erica Daléus, Ola Palm* and *Jan Lundqvist*, **5**, 1, 25–37

Water diversion from the Huang He at Baiper, North China, *Tian Yuan, Niu Wenchen* and *Xu Jianxin*, **5**, 2, 113–118

Water vending activities in developing countries: a case study of Ukunda, Kenya, *Dale Whittington, Donald T. Lauria, Daniel A. Okun* and *Xinming Mu*, **5**, 3, 158–168

Articles–authors

Abdou, Mohamed Ibrahim, see *Gasser, M.M.*

Alam, Jahangir, Performance of tubewell irrigation in Bangladesh, **5**, 1, 50–55

Al Layla, Rashid I., see *de Jong, Remy L.*

Al-Muttair, Fouad F., see *Al-Turbak, Abdulaziz S.*

Al-Turbak, Abdulaziz S., and *Fouad F. Al-Muttair*, Evaluation of dams as a recharge method, **5**, 2, 119–124

Attia, Fatma Abdel Rahman, Use of groundwater for irrigation in the Nile Valley, **5**, 2, 91–98

Biswas, Asit K., and *Mikiyasu Nakayama*, Health aspects of water resources education and training, **5**, 3, 169–174

Chaube, Umesh C., Rehabilitating oustees in the Narmada basin, India, **5**, 3, 175–182

Chicoine, David L., see *Kolvalli, Shashi*

Dakang, Zuo, Rational use of the Huanghe river's water resources, **5**, 4, 273–278

Daléus, Erika, Ola Palm and Jan Lundqvist, Water allocation, land tenure and yield in a *purana* village, Sr Lanka, **5**, 1, 25–37

Das Gupta, A., The use of computers in water resources education and training, **5**, 2, 84–90

de Jong, Remy L., Rashid I. Al Layla and

Willem J. Selen, Alternative water management scenarios for Saudi Arabia, **5**, 1, 56–62

Eswaramoorthy, K., Ramu Govindasamy and *Ikbal Singh*, Integrated use of water resources in the Lower Bhavani Project in India, **5**, 4, 279–286

Farid, M.S.F., A.B.M. Lennaerts, H.C. van der Mandele and *A. Tuinhof*, Technical-economic screening for groundwater planning: a case study in the Eastern Nile Delta, **5**, 4, 259–272

Gasser, M.M., and *Mohamed Ibrahim Abdou*, Nile water management and the Aswan High Dam, **5**, 1, 45–49

Govindasamy, Ramu, see *Eswaramoorthy, K.*

Hall, M.J., S.M. Postle and *B.D. Hooper*, A data management system for demand forecasting, **5**, 1, 3–10

Hasnain, Syed I., Himalayan glaciers as a sustainable water resource, **5**, 2, 106–112

Hooper, B.D., see *Hall, M.J*

Issar, Arie, see *Tsur, Yacov*

Jianxin, Xu, see *Yuan, Tian*

Jørgensen, S.E., Søren Carsten Nielsen and *Birgitte Marcussen*, Removal of nitrates from groundwater through the use of artificial wetlands, **5**, 3, 209–214

Kindler, Janusz, see *Biswas, Asit K.*

Kite, Geoff, An extension to the salt dilution method of measuring streamflow, **5**, 1, 19–24

Kolawole, Are, Underperformance of Nigerian irrigation systems: design faults or system mismanagement?, **5**, 2, 125–135

Kolvalli, Shashi, and *David L. Chicoine*, Groundwater markets in Gujarat, India, **5**, 1, 38–44

Konovalov, S.M., V.N. Pautova, L.A. Pautova, V.A. Silkin, L.A. Vykhristyuk and *V.I. Nomokonova*, Strategy for phytoplankton studies in inland water bodies subject to cultural eutrophication, **5**, 3, 202–208

Kumar, Rakesh, and *S.K. Pathak*, Optimal crop planning for a region in India by conjunctive use of surface and groundwater, **5**, 2, 99–105

Lauria, Donald T., see *Whittington, Dale*

Lennaerts, A.B.M., see *Farid, M.S.F.*

Lundqvist, Jan, see *Daléus, Erika*

Marcussen, Birgitte, see *Jørgensen, S.E.*

McCown, R.L., see *Wall, B.H.*

Miller, Kathleen A., 1Hydropower, water institutions and climate change: a Snake River case study, **5**, 2, 71–83

Mu, Xinming, see *Whittington, Dale*

Nakayama, Mikiyasu, see *Biswas, Asit K.*

Nielsen, Søren Carsten, see *Jørgensen, S.E.*

Nomokonova, V.I., see *Konovalov, S.M.*

Okun, Daniel A., see *Whittington, Dale*

Palm, Ola, see *Daléus, Erika*

Park, Hokyoun, see *Tsur, Yacov*

Pathak, S.K., see *Kumar, Rakesh*

Pautova, L.A., see *Konovalov, S.M.*

Pautova, V.N., see *Konovalov, S.M.*

Pendse, Y.D., R.V. Rao and *P.K. Sharma*, Environmental impact assessment methodologies: shortcomings and appropriateness for water resources projects in developing countries, **5**, 4, 252–258

Postle, S.M., see *Hall, M.J.*

Rao, R. Vidyasagar, Large and small dams, **5**, 2, 136–142

Rao, R.V., see *Pendse, Y.D.*

Reddy, S.T. Somashekhara, Declining groundwater levels in India, **5**, 3, 183–190

Selen, Willem J., see *de Jong, Remy L.*

Sharma, P.K., see *Pendse, Y.D.*

Silkin, V.A., see *Konovalov, S.M.*

Singh, Ikbal, see *Eswaramoorthy, K.*

Tolba, Mostafa Kamal, Editorial, **5**, 4, 223–224.

Tsur, Yacov, Hokyoun Park and *Arie Issar*, Fossil groundwater resources as a basis for arid zone development? An economic inquiry, **5**, 3, 191–201

Tuinhof, A., see *Farid, M.S.F.*

United Nations Environment Programme, Sustainable water development: a synthesis, **5**, 4, 225–251

van der Mandele, H.C., see *Farid, M.S.F.*

Vykhristyuk, L.A., see *Konovalov, S.M.*

Wall, B.H., and *R.L. McCown*, Designing roof catchment water supply systems using water budgeting methods, **5**, 1, 11–18

Wenchen, Niu, see *Yuan, Tian*

Yuan, Tian, Niu Wenchen and *Xu Jianxin*, Water diversion from the Huang He at Baiper, North China, **5**, 2, 113–118

Whittington, Dale, Donald T. Lauria, Daniel A. Okun and *Xinming Mu*, Water vending activities in developing countries: a case study of Ukunda, Kenya, **5**, 3, 158–168

Zeid, Mahmoud Abu, Environmental impacts of the Aswan High Dam: a case study, **5**, 3, 147–157

Book reviews

Interaction Between Groundwater and Surface Water edited by Peter Dahlbom and Gunnar Lindh (reviewed by Janusz Kindler), **5**, 1, 63–64

The Treatment and Use of Sewage Effluent for Irrigation edited by M.B. Pescod and A. Arar (reviewed by Mahmoud Abu-Zeid), **5**, 1, 63